

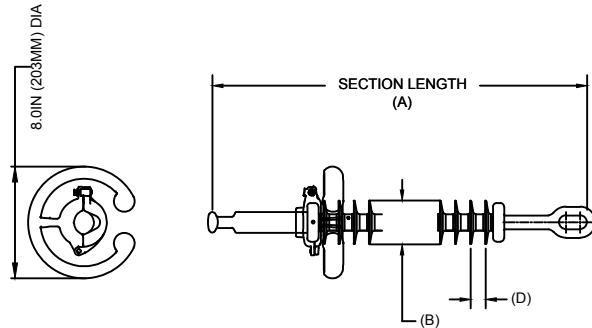
OHIO BRASS QUADRI*SIL SUSPENSION INSULATOR

CAT NO.: S050062S001A

REV: 00 March 4, 2018



HUBBELL POWER SYSTEMS, INC.
CUSTOMER SERVICE: (573) 682-5521
www.hubbellpowersystems.com



MECHANICAL VALUES	LBS	KN
SPECIFIED TENSILE LOAD (STL)	50000	222
MAX DESIGN TENSILE LOAD (RTL)	25000	111

ELECTRICAL VALUES	KV	
60 HZ DRY FLASHOVER (DRY WITHSTAND)	635	-
60 HZ WET FLASHOVER (WET WITHSTAND)	585	(435)
CRITICAL IMPULSE FLASHOVER + (WITHSTAND)	1020	(915)
CRITICAL IMPULSE FLASHOVER - (WITHSTAND)	1025	(920)
RIV AT 115% SYSTEM VOLTAGE	≤100 μV	

DIMENSIONAL VALUES	IN.	MM
SECTION LENGTH (A)	77.1	1958
MAJOR SHED DIAMETER (B)	3.1	78
MINOR SHED DIAMETER (C)	0	0
DRY ARC DISTANCE	62	1574
SHEATH THICKNESS	>0.118	>3
LEAKAGE DISTANCE	159	4038
SHED SPACING (D)	1.08	27.4
CORE ROD DIAMETER	0.875	22.2

END FITTINGS AND MATERIALS

LINE END: ANSI_52-11_BALL / GALV STEEL
TOWER END: CHAIN_EYE / GALV STEEL

NOTES:

1. SILICONE RUBBER SHEATH AND SHEDS. WASHABLE PER IEEE P957
2. ELECTRICAL VALUES PER ANSI C29.12 (IEC 61109 & 62217)
3. CORONA RING SHIPPED WITH BUT NOT ATTACHED TO INSULATOR.

OTHER DETAILS

CORONA RING (TOWER)	NONE
CORONA RING (LINE)	PSPISCRCL0083Q78 8.0 IN
TORQUE REQUIREMENTS	4 ft.-lb
MOUNTING ANGLE	-
NUMBER OF SHEDS	58
WEIGHT	16.6 lbs. 7.5 kg.

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